

Date: Mon, 2 May 94 04:30:25 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #111
To: Ham-Space

Ham-Space Digest Mon, 2 May 94 Volume 94 : Issue 111

Today's Topics:
 ARLK017 Keplerian data

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 1 May 1994 14:31:10 MDT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!
alberta!ve6mgs!usenet@network.ucsd.edu
Subject: ARLK017 Keplerian data
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK017
ARLK017 Keplerian data

ZCZC SK84
QST de W1AW
Keplerian Bulletin 17 ARLK017
>From ARRL Headquarters
Newington, CT April 30, 1994
To all radio amateurs

SB KEP ARL ARLK017
ARLK017 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:

1 AAAAUU 00 0 0 BBBB.BBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ
 2 AAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJJKKKKZ
 KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
 G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

STS-65

1 99965U	94189.76632148	0.00073311	21920-3 0	22
2 99965	28.4664	14.3253 0003598	331.2635 28.7780 15.90320458	27

A0-10

1 14129U	83058B	94114.79345608	-.00000048	10000-3 0	2755
2 14129	27.1659	330.6978 6021287	173.0169 202.1666 2.05879661	53711	

RS-10/11

1 18129U	87054A	94112.22132617	0.00000050	37961-4 0	8911
2 18129	82.9282	10.2138 0010922	172.2691 187.8635 13.72335446342231		

U0-11

1 14781U	84021B	94113.06431880	0.00000278	55048-4 0	6836
2 14781	97.7895	130.3678 0013036	84.7630 275.5059 14.69195303542215		

RS-12/13

1 21089U	91007A	94112.31270038	0.00000064	52634-4 0	6819
2 21089	82.9206	52.8817 0027696	265.2661 94.5331 13.74039371160974		

A0-13

1 19216U	88051B	94114.36934900	-.00000468	10000-4 0	9054
2 19216	57.8413	256.1944 7213809	339.7848 2.0604 2.09724652	13386	

U0-14

1 20437U	90005B	94116.16170146	0.00000051	36689-4 0	9831
2 20437	98.5906	201.6413 0011286	349.0529 11.0406 14.29838925222157		

A0-16

1 20439U	90005D	94115.23960657	0.00000069	43835-4 0	7832
2 20439	98.5995	201.9099 0011471	352.2333 7.8667 14.29892998222034		

D0-17

1 20440U	90005E	94114.77929281	0.00000071	44507-4 0	7829
2 20440	98.5998	201.7595 0011671	352.9789 7.1226 14.30032337221984		

W0-18

1 20441U	90005F	94116.15306089	0.00000039	31960-4 0	7844
2 20441	98.6000	203.1217 0012332	349.0264 11.0649 14.30007044222180		

L0-19

1 20442U	90005G	94116.20468368	0.00000045	34184-4 0	7826
2 20442	98.6010	203.4180 0012608	348.5305 11.5588 14.30102401222203		

F0-20

1 20480U	90013C	94115.89949664	-.00000029	-17513-5 0	6780
2 20480	99.0305	277.6217 0541342	97.9044 268.3828 12.83225244197429		

A0-21

1 21087U	91006A	94113.22040654	0.00000093	82657-4 0	4566
2 21087	82.9431	183.3804 0033605	236.5859 123.2046 13.74538443162031		

U0-22

1 21575U	91050B	94113.75195676	0.00000054	32738-4 0	4843
2 21575	98.4379	189.3404 0008632	89.7354 270.4820 14.36909021145262		

K0-23

1 22077U 92052B 94114.82482848 - .00000037 10000-3 0 3795
2 22077 66.0866 31.7104 0012945 300.7194 59.2539 12.86285454 79928
K0-25
1 22830U 93061H 94115.18825605 0.00000044 35104-4 0 2839
2 22830 98.5581 189.3658 0011523 337.3419 22.7254 14.28048513 30130
I0-26
1 22826U 93061D 94112.22229648 0.00000033 31343-4 0 2795
2 22826 98.6575 188.6151 0009827 19.0306 341.1242 14.27722396 29705
A0-27
1 22825U 93061C 94112.23722954 0.00000045 36103-4 0 2795
2 22825 98.6575 188.6003 0009396 17.0892 343.0602 14.27619258 29702
P0-28
1 22829U 93061G 94115.75302146 0.00000058 41154-4 0 2736
2 22829 98.6532 192.1296 0010520 355.3289 4.7790 14.28020523 30211
Mir
1 16609U 86017A 94115.38474228 0.00005080 70849-4 0 5802
2 16609 51.6453 90.7982 0014698 181.8777 178.2164 15.58767651467816

Keplerian bulletins are transmitted twice weekly from W1AW.
The next scheduled transmission of these data will be Tuesday,
May 3, 1994, at 2230z on Baudot and AMTOR.

NNNN
/EX

End of Ham-Space Digest V94 #111
